

# United States Department of Agriculture

## MONTHLY LIST OF PUBLICATIONS

MAY-JUNE 1935

Any five of the nontechnical publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of this Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

### FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

- How to detect outbreaks of insects and save the grain crops. W. R. Walton, Bureau of Entomology and Plant Quarantine. 21 p., illus. (F. B. 835F., rev.) Price, 5¢.
- Fig growing in the South Atlantic and Gulf States. H. P. Gould, Bureau of Plant Industry. 34 p., illus. (F. B. 1031F., rev.) Price, 5¢.
- Tomatoes for canning and manufacturing. James H. Beattie, Bureau of Plant Industry. 18 p., illus. (F. B. 1233F., rev.) Price, 5¢.
- Clothes moths and their control. E. A. Back, Bureau of Entomology and Plant Quarantine. 30 p., illus. (F. B. 1353F., rev.) Price, 5¢.
- The corn earworm as an enemy of field corn in the Eastern States. W. J. Phillips and George W. Barber, Bureau of Entomology and Plant Quarantine. 18 p., illus. (F. B. 1651F., rev.) Price, 5¢.
- Cotton diseases and methods of control. David C. Neal and W. W. Gilbert, Bureau of Plant Industry. 34 p., illus. (F. B. 1745F.) Price, 5¢.

### LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins except that the Leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in informal, popular style, and are limited to eight pages.

- The prevention of roundworms in pigs. B. H. Ransom, Bureau of Animal Industry. 8 p., illus. (Leaf. 5L., rev.) Price, 5¢.
- Quality guides in buying household blankets. Bess M. Viemont and Margaret B. Hays, Bureau of Home Economics. 8 p., illus. (Leaf. 111L.) Price, 5¢.
- Cooking American varieties of rice. Mabel C. Stienbarger. 8 p., illus. (Leaf. 112L.) Price, 5¢.

### TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited as they are intended primarily for scientific workers and subject-matter specialists.

- Yields of barley in the United States and Canada, 1927-31. H. V. Harlan, Bureau of Plant Industry; P. Russell Cowan, Dominion of Canada Experimental Farms; and Lucille Reinbach, Bureau of Plant Industry. 80 p. (T. B. 446T.) Price, 10¢.
- Composition of the developing asparagus shoot in relation to its use as a food product and as material for canning. C. W. Culpepper and H. H. Moon, Bureau of Plant Industry. 24 p., illus. (T. B. 462T.) Price, 5¢.
- Biological and ecological factors in the control of the celery leaf tier in Florida. E. D. Ball, and J. A. Reeves, Florida State Plant Board; and B. L. Boyden and W. E. Stone, Bureau of Entomology and Plant Quarantine. 56 p., illus. (T. B. 463T.) Price, 10¢.
- Agriculture in southern Africa. Clifford C. Taylor, Bureau of Agricultural Economics. 342 p., illus. (T. B. 466T.) Price, 30¢.
- The crested myna, or Chinese starling, in the Pacific Northwest. Theo. H. Scheffer and Clarence Cottam, Bureau of Biological Survey. 27 p., illus. (T. B. 467T.) Price, 5¢.
- Efficacy of anthrax biologics in producing immunity in previously unexposed animals. W. S. Gochenour, H. W. Schoening, C. D. Stein, and W. M. Mohler, Bureau of Animal Industry. 16 p., illus. (T. B. 468T.) Price, 5¢.
- Investigations on runner and fruit production of everbearing strawberries. George F. Waldo, Bureau of Plant Industry. 16 p., illus. (T. B. 470T.) Price, 5¢.

- Heavy cottonseed feeding in relation to udder troubles in dairy cows. R. P. Hotis, and T. E. Woodward, Bureau of Dairy Industry. 16 p., illus. (T. B. 473T.) Price, 5¢.
- Marketing apples. J. W. Park and R. R. Pailthorp, Bureau of Agricultural Economics. 82 p., illus. (T. B. 474T.) Price, 10¢.
- Influence of storage temperature and humidity on keeping qualities of onions and onion sets. R. C. Wright, J. I. Lauritzen, and T. M. Whiteman. Bureau of Plant Industry. 38 p., illus. (T. B. 475T.) Price, 5¢.
- Forest improvement measures for the southern Appalachians. Forest Service. 46 p., illus. (T. B. 476T.) Price, 5¢.

#### CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

- Variety tests of sugarcanes in Louisiana during the crop year 1932-33. George Arceneaux, I. E. Stokes, and C. C. Krumbhaar, Bureau of Plant Industry. 35 p. (Cir. 343C.) Price, 5¢.
- Barrel and disk seed scarifiers. W. M. Hurst and W. R. Humphries, Bureau of Agricultural Engineering; and Roland McKee, Bureau of Plant Industry. 24 p., illus. (Cir. 345C.) Price, 5¢.
- Insect parasites and predators of insect pests. Curtis P. Clausen, Bureau of Entomology and Plant Quarantine. 22 p., illus. (Cir. 346C.) Price, 5¢.
- Quail-food plants of the Southeastern States. Alec C. Martin, Bureau of Biological Survey. 16 p., illus. (Cir. 348C.) Price, 5¢.
- Notes on the habits of certain coprophagous beetles and methods of rearing them. Arthur W. Lindquist, Bureau of Entomology and Plant Quarantine. 10 p., illus. (Cir. 351C.) Price, 5¢.
- Packaging, curing, and merchandising American cheddar cheese in cans. H. L. Wilson, Bureau of Dairy Industry. 15 p., illus. (Cir. 352C.) Price, 5¢.
- The farm real estate situation, 1933-34. B. I. Stauber and M. M. Regan, Bureau of Agricultural Economics. 44 p., illus. (Cir. 354C.) Price, 5¢.
- The forest-tax problem and its solution summarized. R. Clifford Hall, Forest Service. 18 p. (Cir. 355C.) Price, 5¢.

#### MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the Department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

- Workers in subjects pertaining to agriculture in State agricultural colleges and experiment stations, 1934-35. 124 p. (M. P. 214MP.) Price, 10¢.

#### SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the Department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

- Air-oven and water-oven methods specified in the United States official grain standards for determining the moisture content of grain. Bureau of Agricultural Economics. 2 p. (S. R. A.-B. A. E. 147.)<sup>1</sup>
- Regulations governing the meat inspection of the United States Department of Agriculture. Amendment to regulations 16, 17, and 18, B. A. I. Order 211, rev. Bureau of Animal Industry. 2 p. (Amdt. 8 to B. A. I. Order 211, rev.)
- Bureau of Animal Industry, Service and Regulatory Announcements. March 1935. Pp. 21-31 (S. R. A.-B. A. I. 335); April 1935. Pp. 33-44. (S. R. A.-B. A. I. 336.) Price, 5¢. each.
- Bureau of Entomology and Plant Quarantine, Service and Regulatory Announcements, 1934. Index. (S. R. A.-B. E. P. Q. Index, 1934.) 2 p.<sup>1</sup>
- Modification of Mexican fruit worm quarantine regulations. Revision of Regulation 3. Effective March 19, 1935. Bureau of Entomology and Plant Quarantine. 1 p. (B. E. P. Q.-Q. 64, rev.)<sup>1</sup>

<sup>1</sup>These may be obtained from the issuing bureau.

Notices of judgment under the Food and Drugs Act. Food and Drug Administration. Pp. 277-331. (N. J., F. D. 22576-22650.); pp. 349-426. (N. J., F. D. 22676-22875); pp. 459-494. (N. J., F. D. 22951-23000.); pp. 1-23. (N. J., F. D. 23001-23025); pp. 25-66. (N. J., F. D. 23026-23150); pp. 95-158. (N. J., F. D. 23226-23300.)<sup>1</sup>

#### SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils, which controls their distribution.

Georgia, Jefferson County. (No. 26, series 1930.) 37 p., illus. Price, 30¢.  
Idaho, Benewah County. (No. 22, series 1930.) 34 p., illus. Price, 45¢.  
Kansas, Woodson County. (No. 8, series 1931.) 30 p., illus. Price, 30¢.  
Kentucky, Mercer County. (No. 23, series 1930.) 59 p., illus. Price, 25¢.  
Oklahoma, Tillman County. (No. 24, series 1930.) 37 p., illus. Price, 35¢.  
Pennsylvania, Tioga County. (No. 30, series 1929.) 47 p., illus. Price, 40¢.  
Texas, Collin County. (No. 32, series 1930.) 26 p., illus. Price, 20¢.  
Texas, Galveston County. (No. 31, series 1930.) 18 p., illus. Price, 35¢.

#### OTHER PUBLICATIONS

Regulations relating to game, land fur animals, and birds in Alaska, 1935-36. 32 p., illus. (Alaska G. C. Cir. 12.) Price, 5¢.

#### PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase of subscription from the Superintendent of Documents.

Agricultural situation. Vol. 19, nos. 5-6, May 1-June 1, 1935. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.<sup>2</sup>

Crops and markets. Vol. 12, nos. 4-5, April-May 1935. Price, 10¢ a copy; \$1.00 a year, domestic; \$1.50 a year, foreign.<sup>2</sup>

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price daily, except Sundays and holidays, 25¢ a month, \$3 a year; daily, including Sundays and holidays, 30¢ a month, \$3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, \$7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States, 20¢ a month, \$2.40 a year.<sup>2</sup>

Experiment station record. Vol. 72, no. 5, May 1935. Price, \$1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; \$1.50 per volume, foreign. Single number for sale only. Price, 15¢.<sup>2</sup>

A technical view of the world's scientific literature pertaining to agriculture.

Indicate below, by numbers **IN NUMERICAL ORDER**, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelop to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication. Be sure to fill in blank form on reverse side.

Farmers' bulletins	Leaflets	Other publications

<sup>1</sup> See p. 2.

For footnotes 2 and 3 see p. 4.



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Extension service review. Vol. 6, no. 4, April 1935. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 75¢ a year, foreign.<sup>2</sup>

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

Journal of agricultural research. Price, \$3.25 a year domestic; \$4.75 a year foreign. Each issue, 15¢ domestic; 20¢ foreign. Reprints, 5¢ domestic; 8¢ foreign.<sup>2</sup> Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

— Vol. 50, no. 5. March 1, 1935. Illus.

Contents:

Effect of crown rust infection on yield and water requirement of oats (G-957).

H. C. Murphy.

Factors affecting the absorption of selenium from soils by plants (G-959). Annie

M. Hurd-Karrer.

Dormancy and maturity of cottonseed (G-960). D. M. Simpson.

Viability of cottonseed as affected by field conditions (G-961). D. M. Simpson and B. M. Stone.

Relation of moisture content and method of storage to deterioration of stored cottonseed (G-962). D. M. Simpson.

A study of some unproductive sports of the Montmorency cherry (Mich.-25). V. R. Gardner.

— Vol. 50, no. 6, March 15, 1935. Illus.

Contents:

Some North American parasites of blowflies (K-259). R. A. Roberts.

*Brachymeria intermedia* (Nees), a primary parasite, and *B. compsiturae* (Cwfd.),

a secondary parasite, of the gypsy moth (K-260). Phillip B. Dowden.

*Trichosporium symbioticum*, n. sp., a wood-staining fungus associated with *Scolytus ventralis* (G-958). Ernest Wright.

A comparative study of certain morphological characters of sugarcane × sorgho hybrids (Fla.-13). B. A. Bourne.

The effect of magnesium deficiency on crop plants (Mass.-42). A. B. Beaumont and M. E. Snell.

The susceptibility of flower buds of the Montmorency cherry to injury from low temperature (Mich.-24). (V. R. Gardner.)

Public roads. Vol. 16, nos. 2-3, April-May 1935. Price, 10¢ a copy; \$1 a year, \$1.50 a year, foreign.<sup>2</sup>

Weekly weather and crop bulletin. Nos. 18-26, April 30-June 25, 1935. Price, 50¢ a year; domestic, \$1 a year, foreign.<sup>2</sup>

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

AGRICULTURAL ADJUSTMENT ADMINISTRATION

Security for the farm home. 11 p. (G-34).<sup>3</sup>

The drought and current farm imports. 40 p. (G-36).<sup>3</sup>

<sup>2</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

<sup>3</sup> These may be obtained free upon application to the Agricultural Adjustment Administration.

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